



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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### LAKE ST CLAIR

**LCZ423**                      **Detroit River**  
**Grosse Ile to**            **28**      **2017EST**                      **0**      **0**                      **Marine Tstm Wind (G39)**  
**Ambassador Bridge**

**LCZ460**                      **Lake St Clair (U.S. Portion)**  
**Grosse Pointe**            **28**      **2017EST**                      **0**      **0**                      **Marine Tstm Wind (G39)**  
A 45 MPH wind gust was measured as a cluster of thunderstorms moved over the Detroit River and Lake St Clair.

### MICHIGAN, East

**MIZ076**                      **Wayne**  
**03**      **1230EST**                      **1**      **0**                      **Extreme Cold/Wind Chill**  
An 86-year old woman died from Hypothermia after wandering away from a nursing home in Livonia.

F86OU

**MIZ053>055-060>063-068>070**                      **Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb**

**04**      **1600EST**                      **0**      **0**                      **Heavy Snow**  
**05**      **0800EST**

A low pressure system moved into Ohio late on the 4th through early in the 5th. A tremendous amount of moisture on the back side of this low combined with a cold airmass over the Great Lakes to produce some heavy snowfall across eastern Michigan. The heaviest snowfall (generally 6 to 8 inches) extended from the southern portions of Livingston, Oakland and Macomb counties to far southern Saginaw, Tuscola and northern Sanilac counties. Some snowfall reports include: 8.5 inches in St Clair (St Clair county); 8.2 inches in Lapeer (Lapeer county), 8.0 inches in Burton (Genesee county), 7.9 inches in Ortonville (northern Oakland County), 7.5 inches at the White Lake National Weather Service Office (Oakland county), 7.0 inches in Hartland (Livingston County), and 7.0 inches in Fort Gratiot (St Clair county). Outside of this region of heavy snowfall, the rest of eastern Michigan generally received 2 to 4 inches. The snowfall was enough to cause dozens of traffic accidents and even some minor injuries (indirect). Most school districts in the region closed due to the snowfall.

**MIZ076**                      **Wayne**  
**09**      **0615EST**                      **1**      **0**                      **Extreme Cold/Wind Chill**  
A 74-year old man wandered out of a retirement home in Westland and died of Hypothermia.  
M74OU

**Lenawee County**  
**Adrian**                      **20**      **1657EST**                      **0**      **0**                      **Hail(1.00)**

**Lenawee County**  
**1 E Adrian**                      **20**      **1700EST**                      **0**      **0**                      **Hail(1.00)**

**Lenawee County**  
**Britton**                      **20**      **1710EST**                      **0**      **0**                      **Hail(0.88)**

**Lenawee County**  
**5 S Tecumseh**                      **20**      **1717EST**                      **0**      **0**                      **Hail(1.00)**

**Shiawassee County**  
**Corunna**                      **20**      **1800EST**                      **0**      **0**                      **Hail(0.75)**

**Lenawee County**  
**1 E Addison**                      **28**      **1730EST**                      **0**      **0**      **0**                      **Thunderstorm Wind (G50)**  
Spotters reported that a very large tree was blown over in thunderstorm winds.

**Lenawee County**  
**2 S Hudson**                      **28**      **1730EST**                      **0**      **0**      **0**                      **Thunderstorm Wind (G50)**



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### MICHIGAN, East

It was reported by spotters that a couple 4 inch diameter trees were blown down in thunderstorm winds.

#### Washtenaw County

3 N Chelsea	28	1740EST			0	0	0		Thunderstorm Wind (G51)
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A trained spotter measured a 60 MPH wind gust in a thunderstorm.

#### Washtenaw County

Chelsea	28	1745EST			0	0	0.50K		Thunderstorm Wind (G50)
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Law enforcement reported that thunderstorm winds blew over a power pole.

#### Washtenaw County

1 N Dexter	28	1747EST 1748EST			0	0	0		Thunderstorm Wind (G50)
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Spotters reported that several large tree limbs were blow down in thunderstorm winds.

#### Livingston County

1 NE Hamburg	28	1800EST			0	0	1K		Thunderstorm Wind (G52)
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Law enforcement reported that several trees and power lines were blown down in thunderstorm winds.

#### Oakland County

Highland	28	1805EST			0	0	0		Thunderstorm Wind (G51)
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A wind gust of 60 MPH was estimated by law enforcement.

#### Lapeer County

Lapeer	28	1843EST			0	0	1K		Thunderstorm Wind (G50)
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Law enforcement officials reported several large tree limbs were blown down in thunderstorm winds and knocked over several power lines.

#### Oakland County

Troy	28	1845EST			0	0	0		Thunderstorm Wind (G61)
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A 70 MPH thunderstorm wind gust was measured by a trained spotter.

A strong cold front moved through Lower Michigan during the evening of March 28th. Temperatures warmed to near 70 degrees during the afternoon ahead of this front under strong southwest winds, gusting as high as 40 MPH. Thunderstorms developed along and ahead of this cold front late in the afternoon over southwest Lower Michigan. These storms then moved across Eastern Michigan during the evening hours. Some of these storms produced wind gusts of 50 to 60 MPH.